

SUPSHIP JACKSONVILLE
LOCAL STANDARD ITEM

FY-03

ITEM NO:	<u>099-51JA</u>
DATE:	<u>08 NOV 2001</u>
CATEGORY:	<u>I</u>

1. SCOPE:

1.1 Title: Non-Hazardous Liquid Waste Removal; accomplish

2. REFERENCES:

a. Standard Items

3. REQUIREMENTS:

3.1 Accomplish the requirements of 009-09 of 2.a for the removal of non-hazardous liquid waste, sludge, and debris (including the assignment of contractor and subcontractor supervisory personnel and safety precautions), as identified in 3.2 through 3.7 and Coast Guard Operations Manual approved for your operation.

3.2 Control transfer operations to preclude spillage.

3.2.1 Install and maintain an oil containment boom throughout the entire availability (defined as five days after the start date of the availability or one day prior to the start of transfer operations, whichever comes first), unless otherwise directed by the SUPERVISOR.

3.2.2 Install the oil containment boom from the bow and stern to the pier when transfer is done on the pier side of the ship, except as follows:

3.2.2.1 Where hoses or connectors aboard the ship are located on the weather decks or area of the ship that would allow a spill to flow to the side opposite the pier, there shall be boom containment all around the ship.

3.2.3 The oil containment boom shall be maintained at the proper depth/height and be leak proof.

3.2.3.1 Submit one legible copy of the specifications for the boom type to be deployed to the SUPERVISOR prior to deployment.

3.2.4 Report accidental spillage immediately to the Mayport Naval Station Command Duty Officer (270-5401), Operations Officer (270-5266), and the SUPERVISOR.

(V)(G) "VERIFICATION OF SPILL KIT CONTENTS"

3.2.5 Each transfer operation shall have a spill clean-up kit consisting, as a minimum, of the following:

3.2.5.1 25-foot length booms (8 EA) with the ability to deploy for use.

3.2.5.2 24-inch by 24-inch absorbent pads in 4 bags (400 EA) or paper booms (200 feet).

3.2.5.3 50-pound bags of Oilsorb (8 EA).

3.2.6 Take immediate action to contain and clean up spillage.

3.2.7 Ensure hoses and hose connections do not leak.

3.2.8 Ensure valves are opened and closed by authorized contractor personnel only.

3.2.9 Perform a spill cleanup drill in accordance with the process control procedure provided in 3.1 (not to exceed more than one per transfer operation) by direction of the SUPERVISOR.

3.3 Comply with the following requirements for gravity flow into the oily waste/waste oil (OW/WO) collection system.

(V)(G) "VERIFICATION OF INITIAL HOOK-UP"

3.3.1 Identify and hook hoses to the contractor's containers, and hook up discharge hoses to the pierside OW/WO collection system riser utilizing an in-line strainer.

3.3.1.1 Clear area of strainer shall be a minimum of 2-1/2 times the area of the connecting pipe.

3.3.1.2 Strainer basket shall be made of perforated steel with holes spaced to have a minimum of 40 percent open area and of a diameter that will not allow an object .250 inch in size to pass through.

3.3.1.3 Strainer containment unit shall have inspection covers to verify proper strainer basket size prior to transfer.

3.3.1.4 Obtain signatures of the SUPERVISOR's representative, the prime contractor, and the OW/WO Treatment Plant authorized representative

on the original copy of Attachment A, to verify the inspection of the strainer for an acceptable hook-up.

3.3.2 Transfer non-hazardous liquid OW/WO Monday through Friday during normal working hours.

3.3.2.1 Normal working hours of pipeline are 0800 to 1800.

3.3.3 Transfer operations outside working hours shall require prior approval of Harbor Operations (270-5266). To arrange emergency connections after-hours, on weekends, or on holidays contact the NAVSTA Mayport Quarterdeck (270-5401).

3.3.3.1 Transfer operations outside normal hours or that requiring long-term continuous use shall be arranged with PW Operating Contractor a minimum of 24 hours in advance for weekdays and 48 hours in advance for weekends.

3.3.3.2 Provide adequate lighting to ensure safety and detection of spills.

(V)(G) "VERIFY EMPTY CONTAINER"

3.3.4 Contractor container (tank, tank truck) shall be empty upon arrival at Mayport Naval Station, containing no hazardous/non-hazardous waste or residue.

3.3.4.1 Containers shall be labeled to include name of contractor, subcontractor, emergency point of contact, contents, and date transfer operations commenced.

3.4 Provide chemical analysis of liquid waste, sludge and debris in accordance with applicable federal, state, and local laws, codes, ordinances, and regulations, and Naval Station requirements.

3.4.1 One chemical analysis is required for each containment (Engine Rm, Space, etc.) or for each type of liquid (fuel oil, JP-5, etc.).

3.4.2 Submit four legible copies of the chemical analysis identifying the volume of the liquid each sample was taken from to the SUPERVISOR.

3.5 Comply with the following requirements to obtain authorization for transfer operations of non-hazardous liquid waste.

3.5.1 Deliver or FAX to Public Works Center (PWC) Operating Contractor (249-9752) the original completed copy of the Oily Waste/Bilgewater Transfer Information Sheet, Attachment A, the day prior to the date transfer operations are to be accomplished.

3.5.1.1 Submit or FAX two completed signed copies of Attachment A, one to the SUPERVISOR and one to the PWC Operating Contractor, prior to use of the OW/WO collection system.

3.5.1.2 The original signed copy of Attachment A shall be in custody of the contractor's on-site representative during transfer operations.

3.5.2 Transfer into waste oil collection system shall not exceed 200 gallons per minute (gpm).

3.5.2.1 Pumps will be used only in emergency conditions with prior approval of PWC Operating Contractor (270-5450) and the Naval Station Operations Officer (270-5266), and the SUPERVISOR.

3.5.3 Station a watch at the appropriate lift station for the duration of transfer operations. Watch shall be in direct communication with the transferring unit and the pumping station, and is responsible for securing transfer operations under the following conditions:

3.5.3.1 Lift station wet well level exceeds six feet and/or the alarm sounds.

3.5.3.2 Lift station pump fails to start when level rises to three feet.

3.5.3.3 Lift station pump stops for any reason (loss of electricity, thermal overload, mechanical failure, etc.) other than low level.

3.5.3.4 Any abnormal or unusual color or odor (onion, cabbage, etc.) or foaming is observed.

3.5.3.5 Shut down the generating flow immediately and contact the PWC Operating Contractor (270-5450).

(V)(G) "VERIFICATION OF DISCONNECT"

3.5.4 Upon completion of transfer operation disassemble and clean strainer.

3.5.5 Containers departing from Mayport Naval Station in other than an empty state, shall be as authorized by the SUPERVISOR.

(V)(G) "LIQUID CONTENT/LEVEL"

3.5.6 Containers shall be jointly inspected with the SUPERVISOR for the container identification number, liquid content, and liquid level.

3.5.6.1 Record prior to departure from each worksite and the Naval Station.

3.6 Dispose of non-hazardous liquid waste, sludge, and strainer debris as follows:

3.6.1 Dispose of over-chlorinated water in accordance with federal, state, and local laws, codes, ordinances, and regulations, considering minimization as an alternative.

3.6.2 Dispose of CHT/boiler non-hazardous liquid waste as follows:

3.6.2.1 CHT/boiler non-hazardous liquid waste shall not be pumped into the bilge.

3.6.2.2 Discharge liquid waste to a pierside settling tank and test for pH.

3.6.2.3 Liquid waste that tests to a pH of less than 6.0 should be neutralized with NaHCO_3 (sodium bicarbonate) and liquid waste that tests to a pH of greater than 8.0 should be neutralized with diluted acetic acid so that the pH will be 6.0 to 8.0.

3.6.2.4 Transfer liquid waste with a pH of 6.0 to 8.0 from the settling tank to the Naval Station pierside sewage connection through a debris strainer.

3.6.3 Remove and dispose of non-pumpable sludge and debris off the Naval Station in accordance with federal, state, and local laws, codes, ordinances, and regulations.

3.6.4 Submit four legible copies of a certification of disposal signed by the owner or operator of the facility and completed Attachment B to the SUPERVISOR within four business days of disposition.

3.7 Remove and secure equipment and hoses. Clean area upon completion of transfer operations.

4. NOTES:

4.1 This item applies to non-hazardous liquid waste, sludge, and strainer debris only.

4.2 Approval of transfer outside normal working hours will be through the SUPERVISOR.

4.3 No liquid waste or sludge (debris) from other transfer operations is to be combined with that covered by this item without prior written approval of the SUPERVISOR.

4.4 The SUPERVISOR will provide a Technical Certification Statement for each use of the OW/WO Collection System.

4.5 Secure transfer operations during Thunderstorm Condition I, Gale/Storm/Hurricane Condition I, or during local lightning conditions.

ATTACHMENT A
OILY WASTE/BILGEWATER TRANSFER INFORMATION SHEET
(Routine transfers complete Sections I, II, III)
(Contractor and foreign ships transfers complete Sections I, II, IV)

Today's Date: _____ Pier/Berth: _____

Ship/Activity: _____ Riser No: _____

I. Transfer Start Date: _____ Transfer Start Time: _____

Transfer Stop Date: _____ Transfer Stop Time: _____

Pumping Rate (gpm): _____ Total (gal): _____ No. of Hoses Needed: _____

Harbor Operation Approval for after-hours: _____ Date: _____

II. Description of material to be transferred: _____

(Bilgewater, compensated ballast water, oily wastewater, etc.) If applicable, note any special circumstances about the generation of the material; fuel spills, odors, appearance, foaming, color, etc.

III. SHIP CERTIFICATION FOR ROUTINE TRANSFER

I hereby declare that the oily waste/bilgewater transferred is as described above and does not contain prohibited substances as listed in Enclosure (1) of SOPA (ADMIN) MYPTINST 5090.2E of 27 Feb 01.

Authorized Representative (Sign and Print Name)

Date

Phone Number _____ FAX Number: _____

IV. SUPSHIP/CONTRACTOR _____

PWC JAX JON: _____

Contractor: _____ ITEM No. _____

Subcontractor: _____ Source: _____

Surveyor: _____ DSR No. _____

Phone Number: _____ FAX Number: _____

In accordance with PWC Jacksonville requirements and applicable Code of Federal Regulations for disposal of waste liquids, certify that the lab analysis has been reviewed and is satisfactory for disposal through the NAVSTA MAYPORT OW/WO Pier riser system.

Supervisory Surveyor: _____

IMPORTANT TELEPHONE NUMBERS:

AFTER-HOURS EMERGENCIES: NAVSTA Mayport Quarterdeck: 270-5401

HARBOR OPERATIONS: 270-5250

PWC OPERATING CONTRACTOR OFFICE: 270-6761, FAX: 249-9752

PWC OPERATING CONTRACTOR OW/WO TREATMENT PLANT: 270-5450

NAVSTA MAYPORT ENVIRONMENTAL: 270-6730

NAVSTA MAYPORT CONTRACTS OFFICER: 270-5532, X311, X302

ATTACHMENT B
TANK CERTIFICATION AND OFF-BASE DISPOSAL FORM
(Revised 20 SEP 2001)
(Use for incoming tankers and off-base disposal)

I. INCOMING TANKER CERTIFICATION:

Work Item: _____ Serial No.: _____

This is to verify that _____ tank truck, License Number
_____ is empty and contains no hazardous residue.

DATE

SIGNATURE
SUBCONTRACTOR'S AUTHORIZED REPRESENTATIVE

II. AUTHORIZATION FOR OFF-BASE DISPOSAL:

I hereby certify that waste analysis has been performed on this waste and that the facility chosen is permitted under applicable laws and regulations to accept the waste for treatment, storage, and/or disposal.

DATE

CONTRACTOR

TRUCK LICENSE NO.

SIGNATURE
CONTRACTOR'S AUTHORIZED REPRESENTATIVE